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(54) SERVICE STATION WITH FIRE SENSOR

(57) Abstract:

PURPOSE: To make gasoline filling impossible in the event of fire and thereby prevent the petroleum from catching fire by equipping the service station with a fire sensor which shall send a signal to shut off electric power supply to the gasoline feeding devices.

CONSTITUTION: Turning on the power supply switch on a control board 11 will put gasoline filling devices 3, 3', 3" into feed standby condition through nozzles 7. When a fire arises, the fire sensor among 10, 10', 10" situated nearest the fire will sense it to actuate a relay in the control circuit, and the gasoline filling devices 3, 3', 3" are disconnected from the power source. Thus electric power supply to the devices 3, 3', 3" is interrupted and the devices become incapable to feed gasoline.

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